Figure 1

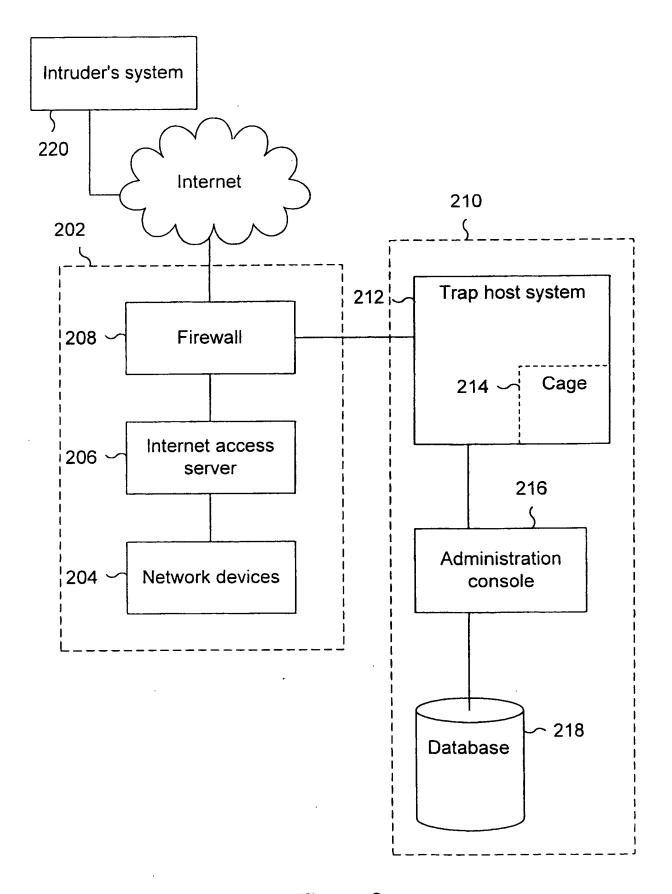


Figure 2

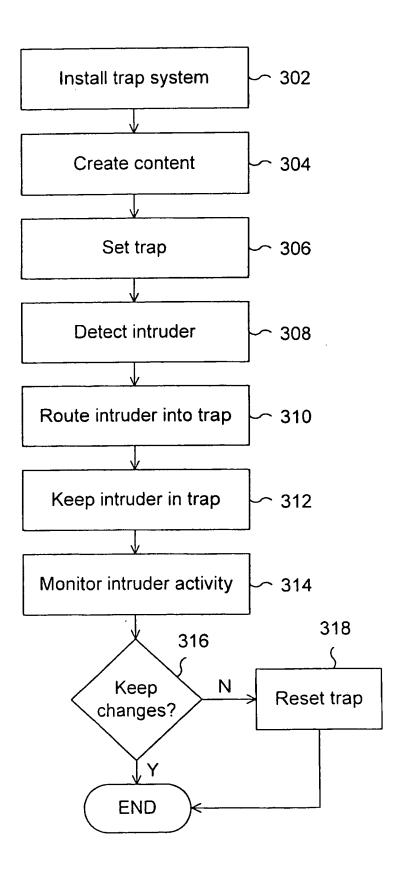


Figure 3

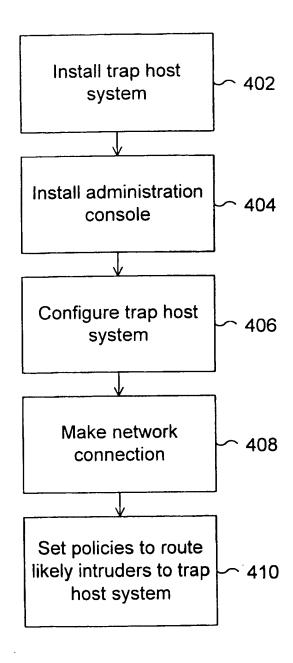
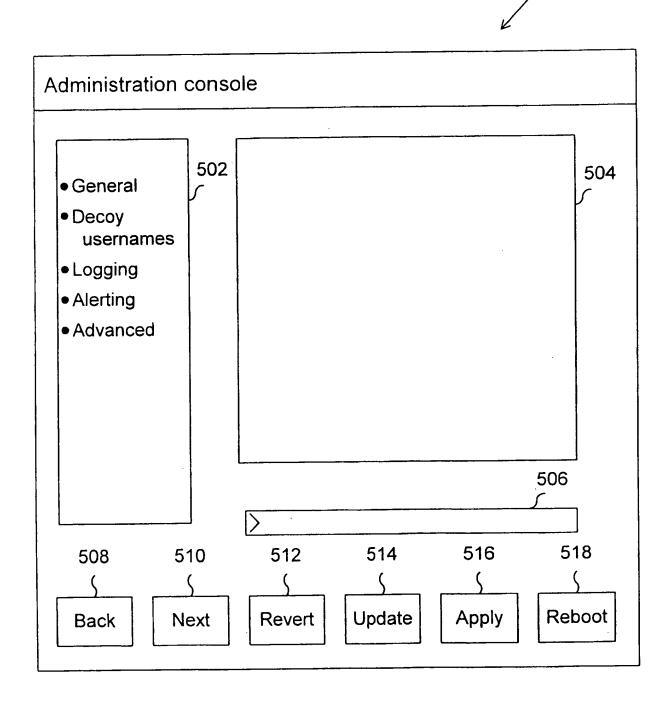


Figure 4



500

Figure 5

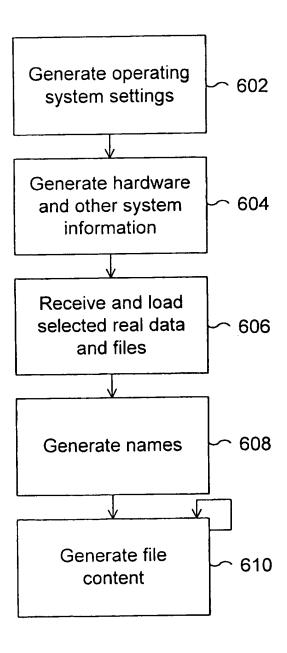
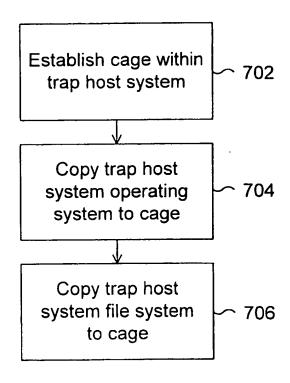


Figure 6



屬 Telnet - 10.0.0.101		×
Connect Edit Terminal Help	in the same	v kiĝsto
Sun0S 5.7		
		. – – -
NOTICE TO USERS		
Use of this system constitutes consent to security monitoring and testing by using this system, the user consents to any interception, monitoring recording, copying, auditing, inspection, or disclosure at the descretion of authorized site or corporate personnel.	g,	
Unauthorized or improper use of this system may result in administrat disciplinary action and civil and criminal penalties. By continuing to us system you indicate your awareness of and consent to these terms ar conditions of use. LOG OFF IMMEDIATELY if you do not agree to the conditions stated in the warning.	se tl id	his
login:	· <del>-</del>	

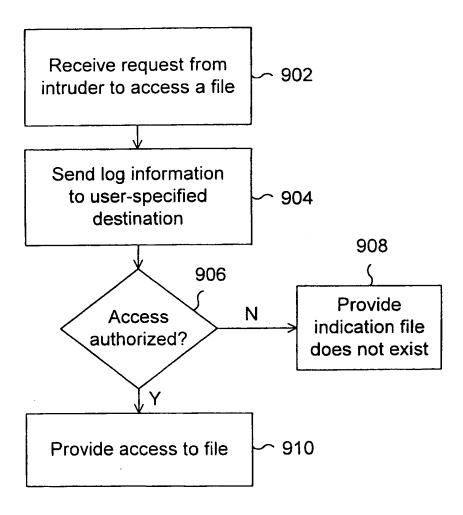


Figure 9

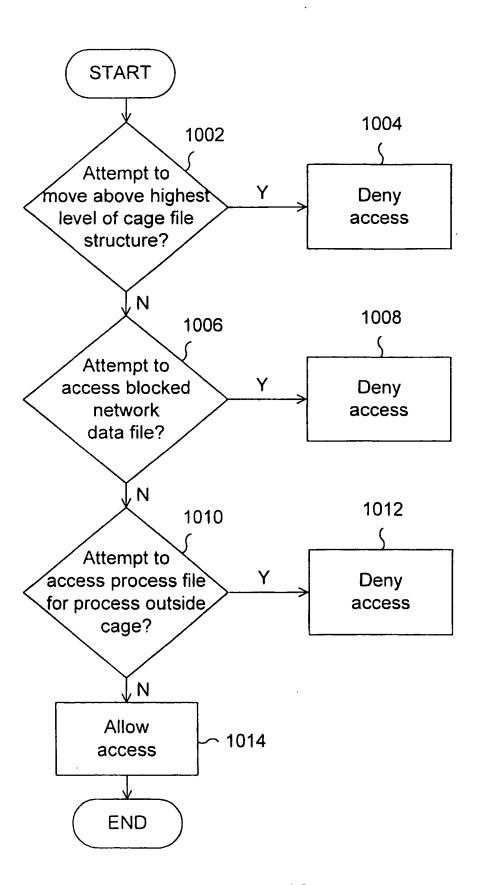


Figure 10

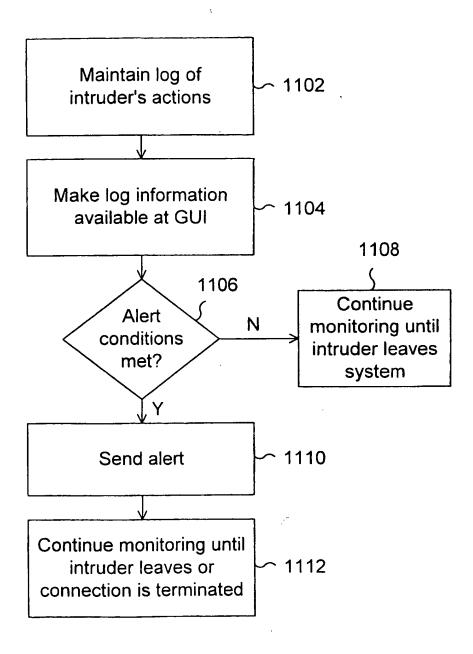
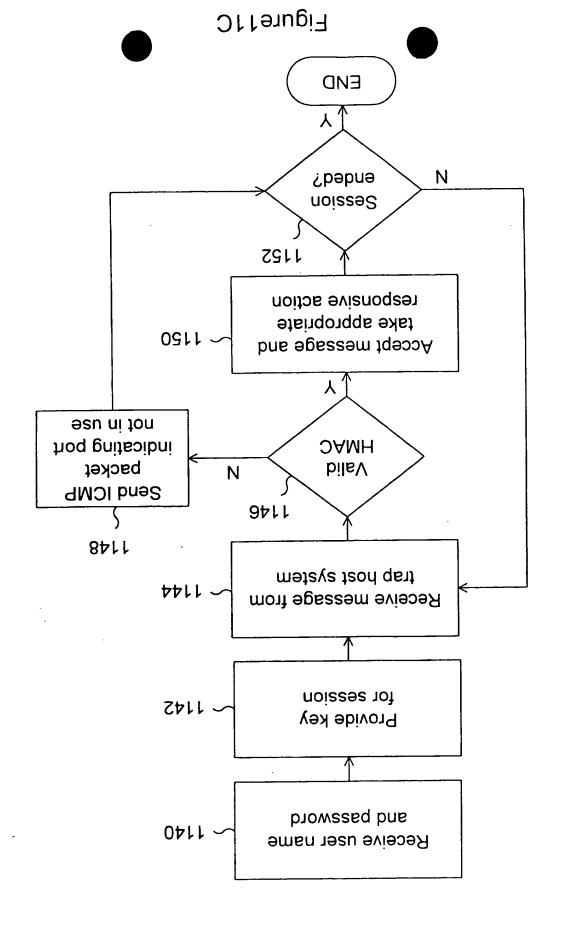


Figure11A



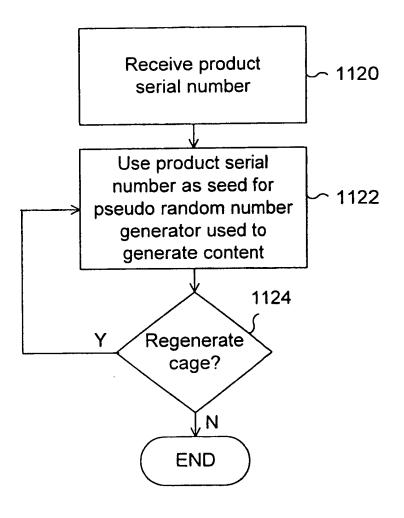


Figure 11B

Figure 12

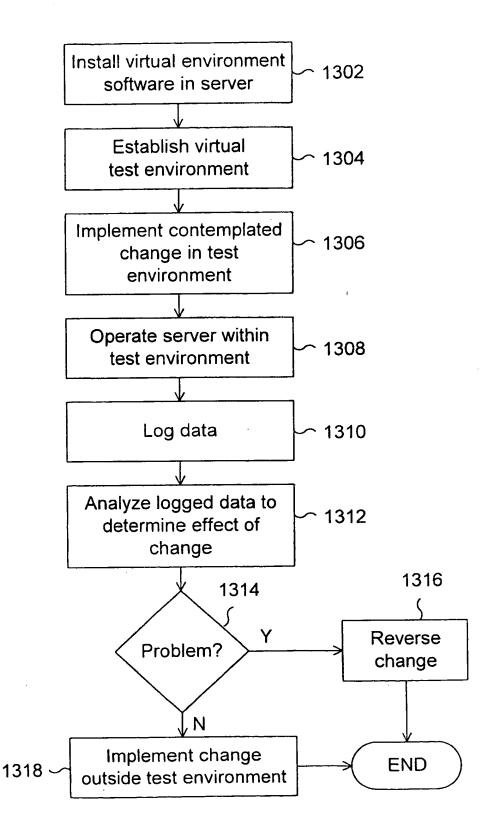


Figure 13

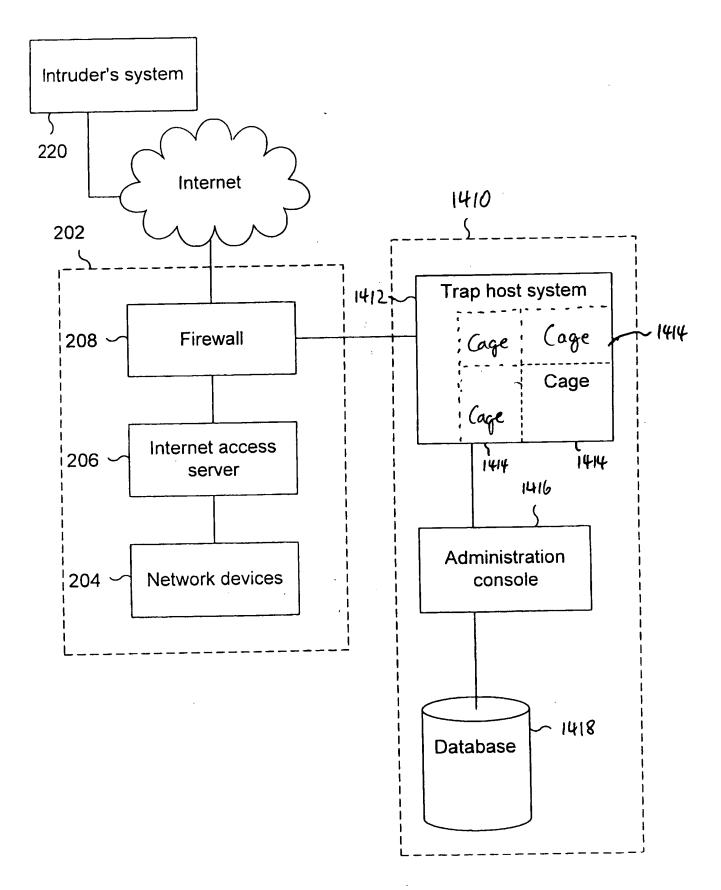


Figure 14

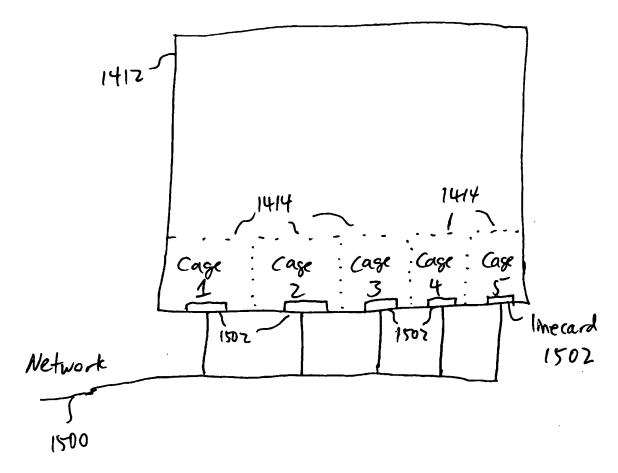


Figure 15

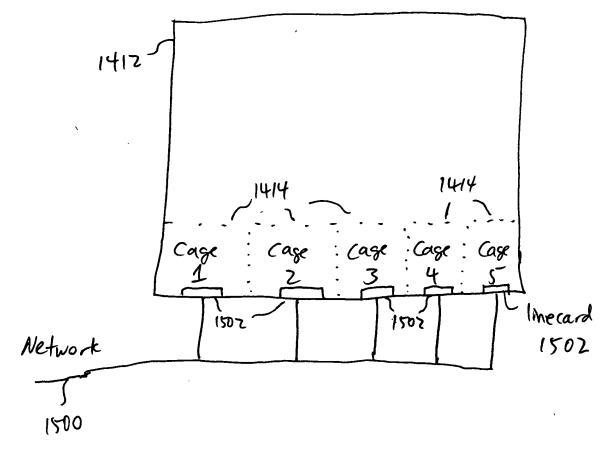
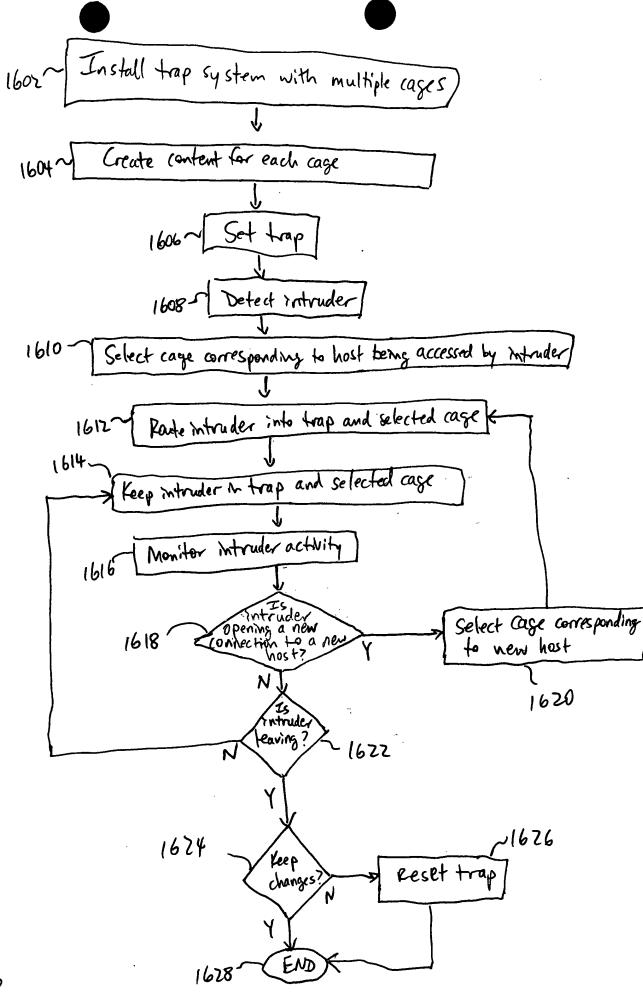


Figure 15



FIERE 16

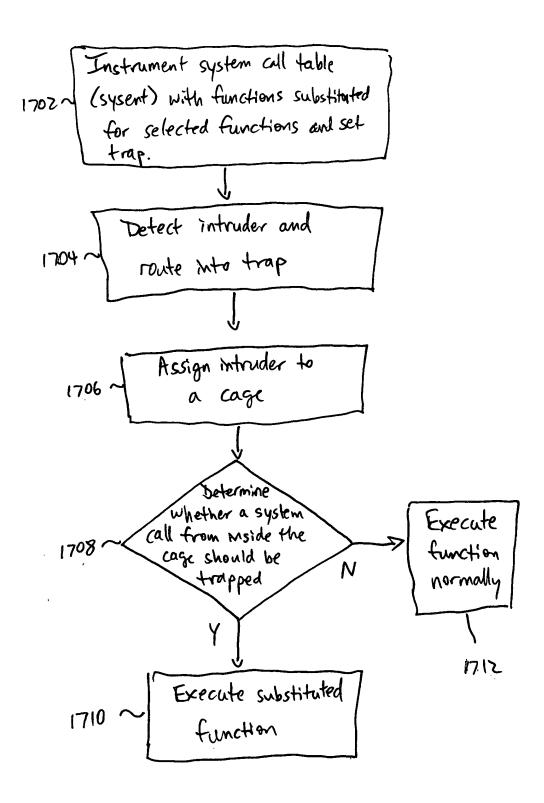


Figure 17

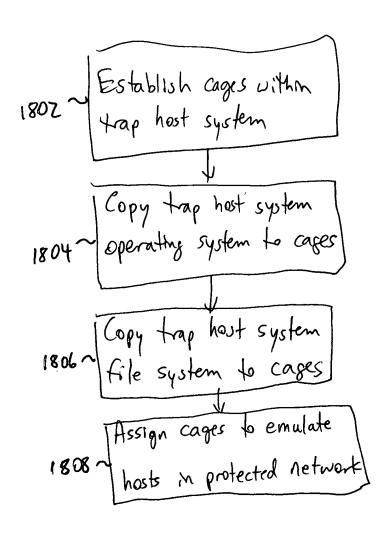


Figure 18

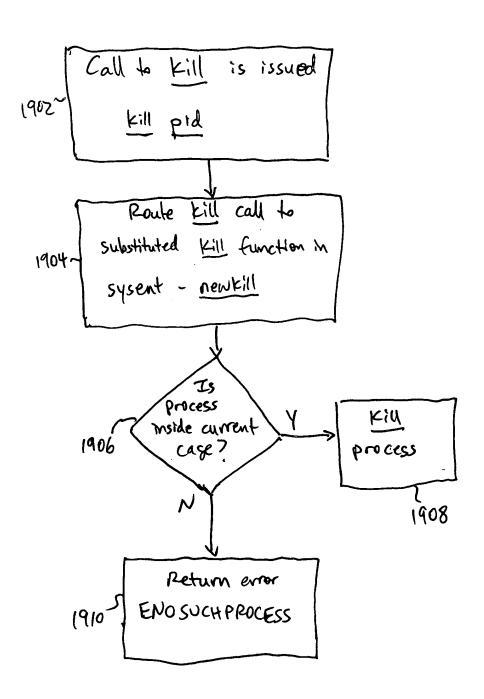


Figure 19

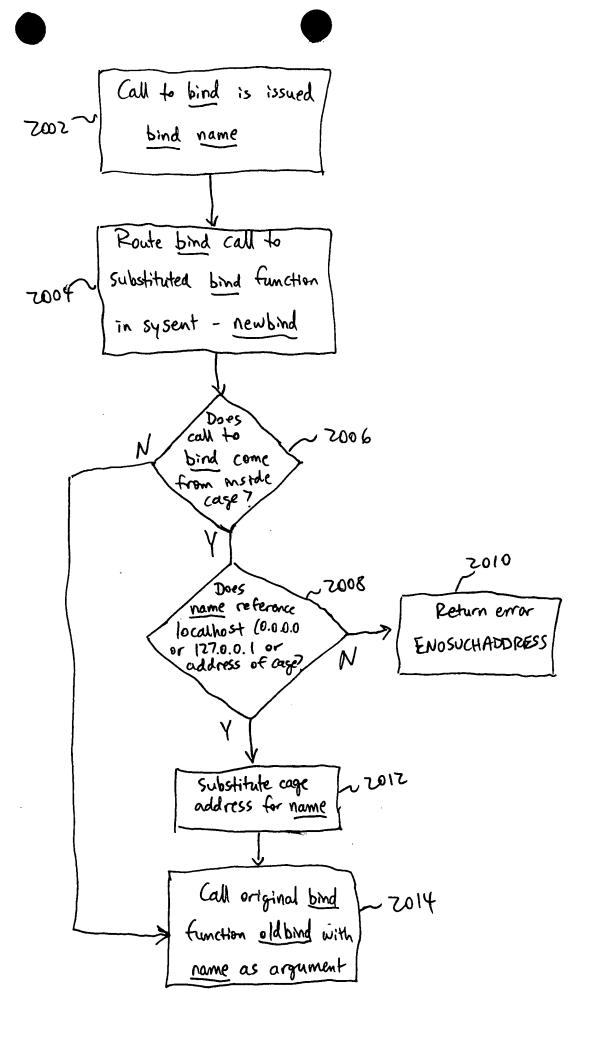


Figure 20

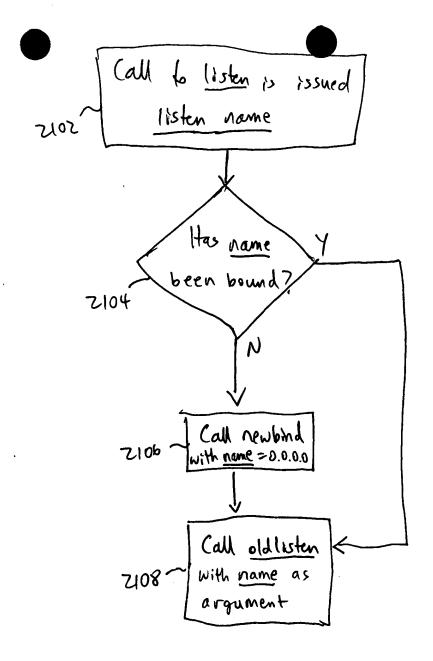


Figure 21

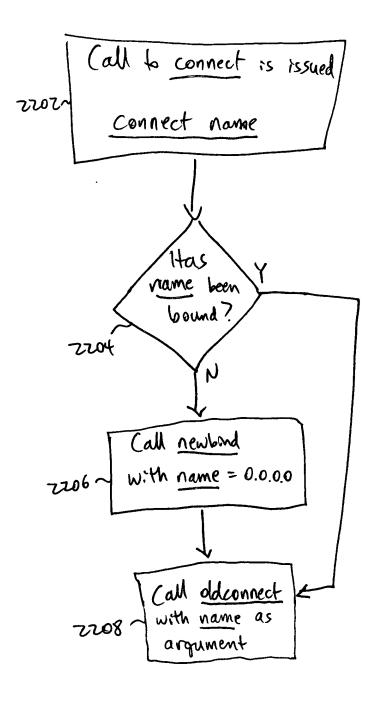


Figure 22

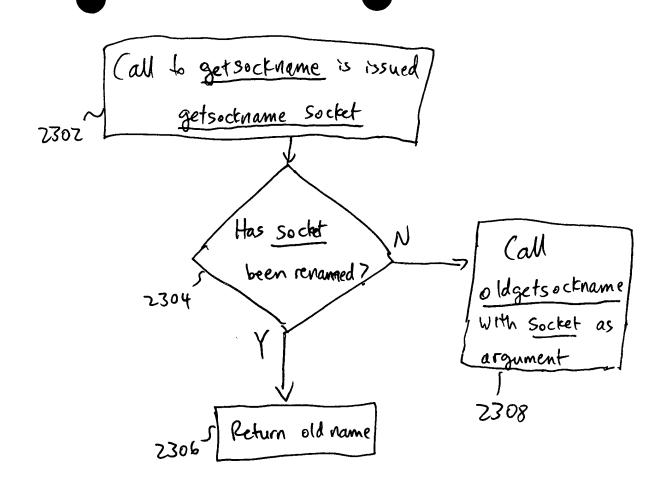
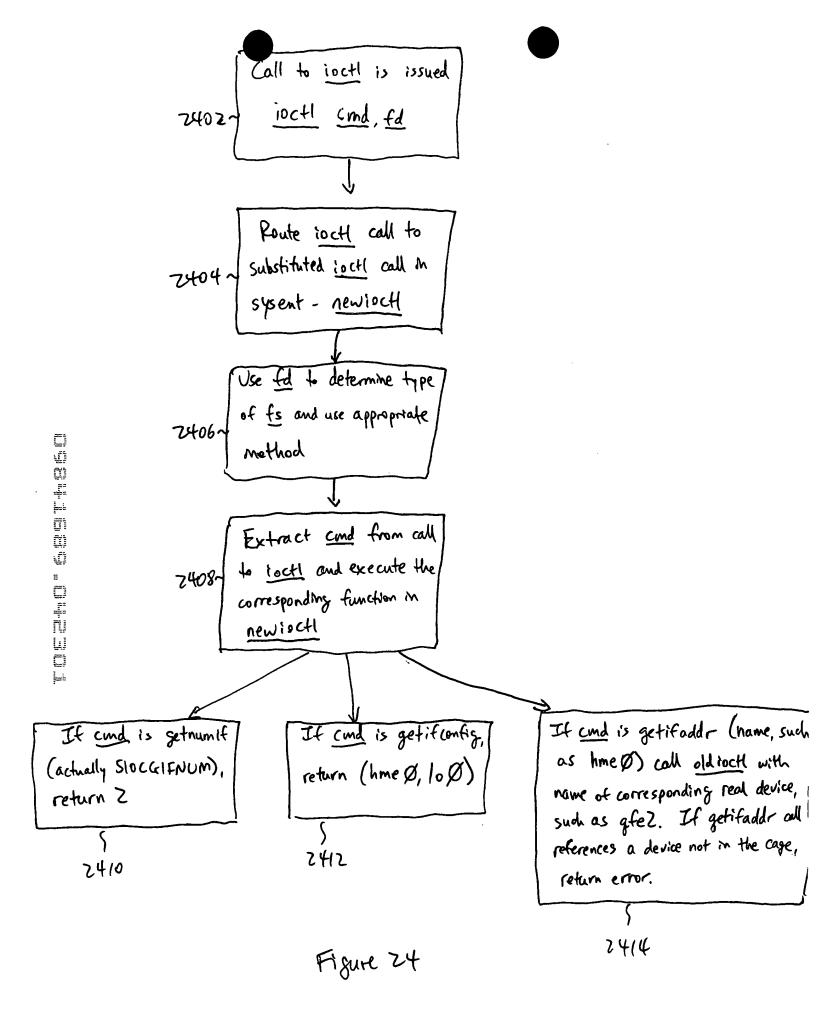


Figure 23



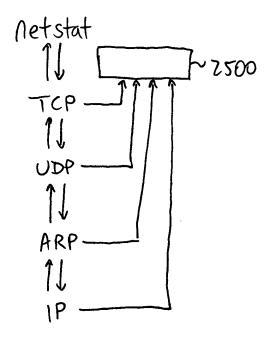


Figure 25

```
<doc>
<regexp-query>
     <name>Possible SGID Exploit
     properties>
           <priority>10</priority>
     </properties>
     <pattern>
           <next>
           <line>.*exec args=.*pid=\((\\d+\)); ppid=\(\\d+\); uid=\(\\d+\); euid=
(d+); gid=([1-9]d*); egid=(0).*</line>
           </next>
           <line>.*args=\([\-\w\\\/ ]+\); pid=\(\\d+\); ppid=\(\%1%\).*</line>
           </next>
     </pattern>
     cmatch>
           <actionpair>
                 <line>.*args=\(([\-\w\\\/ ]+)\).*ppid=\(%1%\).*</line>
                 <action>
                       <highlight/>
                       <delete/>
                       <varop var="agg">%1%</varop>
                 </action>
           </actionpair>
     </procmatch>
     <annotation>
           <text>Possible SGID Exploit: %agg%</text>
     </annotation>
</regexp-query>
</doc>
```

Figure 26

```
<doc>
     <regexp-query>
     <name>Possible SUID Exploit
     cproperties>
           <priority>10< /priority>
     </properties>
     <pattern>
           <next>
           <line>.*exec args=.*pid=\((\\d+\)); ppid=\(\\d+\); uid=\([1-9]\\d*\);
euid=\(0\).*</line>
           </next>
           <next>
           <line>.*args=\(.+\); pid=\(\d+\); ppid=\(%1%\).*</line>
           </next>
     </pattern>
     cmatch>
           <actionpair>
                 <line>.*args=\(.+)\); pid=\(\d+\); ppid=\(%1%\).*</line>
                 <action>
                       <highlight/>
                       <delete/>
                       <varop var="agg">%1%</varop>
                 </action>
     <annotation>
           <text>Possible SUID Exploit: %agg%</text>
     </annotation>
</regexp-query>
</doc>
```

Figure 27

```
<doc>
<regexp-query>
     <name>All Processes</name>
     properties>
           <priority>10</priority>
     </properties>
     <pattern>
           <next>
           <line>.*proclog.*args=\(([\-\.\w\\\/ ]+)\).*</line>
     </pattern>
     cmatch>
           <actionpair>
                 <line>.*args=\(([\-\.\w\\\/ ]+)\).*</line>
                 <action>
                       <highlight/>
                       <delete/>
                       <varop var="agg">%1%</varop>
                 </action>
           </actionpair>
     <annotation>
           <text>Process started: %agg%</text>
     </annotation>
</regexp-query>
</doc>
```

```
<doc>
<regexp-query>
      <name>Find Processes...</name>
      cproperties>
            <priority>10</priority>
      </properties>
      <args>
            <args>.+</args>
            < pid > d + < / pid >
            <ppid>\d+</ppid>
            <uid>\d+</uid>
            <euid>\d+</euid>
            < gid > d + < / gid >
            <egid>\d+</egid>
      </args>
      <pattern>
            <next>
            <line>.*args=\(%args%\); pid=\(%pid%\); ppid=\(%ppid%\);
uid=\(%uid\%\); euid=\(%euid\%\); gid=\(%gid\%\); egid=\(%egid\%\).*</line>
            </next>
      </pattern>
      cmatch>
            <actionpair>
                  <line>.*args=\((.+)`\); pid.*</line>
                  <action>
                         <highlight/>
                         <delete/>
                         <varop var="agg">%1%</varop>
                  </action>
            </actionpair>
      </procmatch>
      <annotation>
            <text>Process started: %agg%</text>
      </annotation>
</regexp-query>
</doc>
```

```
<doc>
<regexp-query>
      <name>All Shell-spawned Processes</name>
      cproperties>
            <priority>l0</priority>
      </properties>
      <pattern>
            <next>
            <line>.*exec args=\(-sh\); pid=\((\d+)\).*</line>
            </next>
            <next>
            <line>.*args=\(([\-\w\\\/ ]+)\).*ppid=\(%l%\).*</line>
      </pattern>
      cmatch>
            <actionpair>
                  <line>.*args=\(([\-\w\\\/ ]+)\).*ppid=\(%l%\).*</line>
                  <action>
                        <highlight/>
                        <varop var="agg">%1%</varop>
                  </action>
            </actionpair>
      </procmatch>
      <annotation>
            <text>Executed from a shell: %agg%</text>
      </annotation>
</regexp-query>
</doc>
```

```
<doc>
<regexp-query>
      <name>Incoming Connections</name>
      properties>
            <priority>10</priority>
      </properties>
      <pattern>
            <next>
           <line>.*incoming connection from=\(.+\).*</line>
            </next>
      </pattern>
      cmatch>
           <actionpair>
                 <line>.*incoming connection from=\((.+):(.+)\)
to=\((.+):(.+)\).*</line>
                 <action>
                       <highlight/>
                       <delete/>
                       <varop var= "fromip">%1%</varop>
                       <varop var= "fromport">%2%</varop>
                       <varop var= "toip">%3%</varop>
                       <varop var= "toport">%4%</varop>
                 </action>
           </actionpair>
     <annotation>
           <text>Incoming Connection From IP: %fromip% (on port: %fromport%) To
IP: %toip% (on port: %toport%)</text>
     </annotation>
</regexp-query>
</doc>
```

```
<doc>
<regexp-query>
      <name>Keystrokes Entered</name>
      cproperties>
            <priority>10</priority>
      </properties>
      <pattern>
            <line>.*read stream data, id=\((\\d+)\) data=\(.+\).*</line>
            </next>
            <next fromprev="1">
            <line>.*read stream data, id=\(%1%\) data=\(.*\\0[ad4].*\).*</line>
      </pattern>
      cmatch>
            <actionpair>
                  <line>.*read stream data, id=\(%1%\) data=\((.+)\).*</line>
                  <action>
                        <highlight/>
                        <delete/>
                        <varop var="agg">%1%</varop>
                  </action>
            </actionpair>
      </procmatch>
      <annotation>
            <text>Keystrokes Entered: %agg%</text>
      </annotation>
</regexp-query>
</doc>
```

```
<doc>
<regexp-query>
      <name>Find Monitored</name>
      cproperties>
            <priority>10</priority>
      </properties>
      <args>
            <file_name>.+</file_name>
            < pid > \sqrt{d} + < / pid >
      </args>
      <pattern>
            <next>
            <line> *monitored file opened name=\(%file_name%\)
pid=\(%pid%\).*</line>
            </next>
      </pattern>
      cmatch>
            <actionpair>
                   <line>.*monitored file opened name=\((.+)\)
pid=\((.+)\).*</line>
                   <action>
                         <highlight/>
                         <delete/>
                         <varop var="filename">%l%</varop>
                         <varop var="pidvar">%2%</varop>
                   </action>
            </actionpair>
      </procmatch>
      <annotation>
            <text>File Opened: %filename% (from pid: %pidvar%)</text>
      </annotation>
</regexp-query>
</doc>
```